MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Bill No.-1st and final:-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190155

Serial No. .....

Name of work Imp to roads and drains @ dasarahally in No. 06 Dasarahally village limits. From ..... To .....

Name of Contractor of nature of Agency..... Technical Manager (K.R.I.D.L.)

Date of commencement of work..... BR-230/31/7/16

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work code No: 006-14-000030						
	Work order No: EE/BTP/RBMP/KRIDL/CO-0/394/2013-14						24: 21-02-14
	Est Amt Rs: 30-00 lakhs.						
	Date of recording: 4-7-2014.						
	(1) Earth work excavation by manual means in hard soil involving an average horizontal through upto 2-00 mtrs.						
	Desilting of drain						
	Cross Road (1)	2	30-00	0.45	0.45	12.15	
		2	30.00	0.45	0.30	8.10	
		2	30-00	0.45	0.45	12.15	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road ②	2	10-90	0-45	0-40	3-89	
		2	30-00	0-45	0-45	12-15	
		2	21-30	0-45	0-35	6-68	
	-·- ③	2	30.00	0-45	0-35	9-45	
		2	30-00	0-45	0-35	9-45	
		2	30-00	0-45	0-35	9-45	
		2	19-60	0-45	0-40	7-06	
	-·- ④	2	30-00	0-45	0-45	12-15	
		2	30-00	0-45	0-40	10-80	
		2	30-00	0-45	0-40	10-80	
		2	29-10	0-45	0-40	7-24	
	Interior cross Road	2	30-00	0-45	0-35	9-45	
		2	30-00	0-45	0-40	10-80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190156

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	15-90	0-45	0-45	6-44	
	Berm cutting Main Road	2	30-00	0-95	0-25	14-25	
		2	30-00	0-80	0-20	9-60	
		2	30-00	0-85	0-35	17-85	
		2	30-00	0-90	0-25	13-50	
		2	31-10	1-20	0-25	18-66	
	Cross Road ①	2	30-00	0-95	0-25	14-25	
		2	30-00	0-80	0-20	9-60	
		2	30-80	0-85	0-20	10-20	
		2	10-80	0-90	0-25	4-86	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road (2)	2	30-00	1·20	0·25	18.00	
		2	21·20	1·05	0·25	11.13	
	—u— (3)	2	30·00	0·95	0·20	11·40	
		2	30·00	1·10	0·25	16·50	
		2	30·00	1·00	0·20	12·00	
		2	19·60	1·20	0·30	14·11	
	—u— (4)	2	30·00	1·00	0·25	15·00	
		2	31·00	1·20	0·20	14·40	
		2	30·00	0·85	0·15	12·75	
	Interrior Cross Road	2	20·10	1·05	0·30	12·66	
		2	30·00	0·80	0·25	12·00	
		2	30·00	0·80	0·25	12·00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190157

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	15·90	0·95	0·20	6.04	
						437.68 Cum	
					Cft:	90.72/cum	39706.00.
(2)	Removing B.S. Slab drain and Stacking						
	Cross Road (1)	2	30.00	—	1·65	99.00	
		2	30·00	—	1·65	99·00	
		2	30.00	—	1·65	99.00	
		2	10·80	—	1·65	35·64	
	Cross Road (2)	2	30.00	—	1·35	81.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	21.20	-	1.35	57.24	
	Cross Road ③	2	30.00	-	1.65	99.00	
		2	30.00	-	1.65	99.00	
		2	30.00	-	1.65	99.00	
		2	19.60	-	1.65	64.68	
	-"- ④	2	30.00	-	1.65	99.00	
		2	30.00	-	1.65	99.00	
		2	30.00	-	1.65	99.00	
		2	20.10	-	1.65	66.33	
	Interior Cross Road	2	30.00	-	1.65	99.00	
		2	30.00	-	1.65	99.00	
		2	15.90	-	1.65	52.47	

Office Measurement

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190158

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						1438.50 sqm	
						Rate: 50.11/sqm	72083.00.
	⑤ - Refixing stone slab g drains in cm 1:3.						
	Deduct same vide I.No. ②					- 1438.50 sqm	
						Limited to 1150.80 sqm	
						Rate: 70.04/sqm	80602.00.
	⑥ - Providing granite slab g selected quality roughly dressed and fixed in cm 1:6.						
	Cross Road ①	1	29.60	-	1.65	48.84	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	22-00	-	1.65	36.30	
		1	18.00	-	1.65	29.70	
	C/s (2)	1	22.90	-	1.65	37.79	
		1	19.20	-	1.65	31.68	
	—"— (3)	1	26.80	-	1.65	44.22	
		1	12.90	-	1.65	21.29	
		1	19.20	-	1.65	31.68	
	—"— (4)	1	14.20	-	1.65	23.43	
		1	18.00	-	1.65	29.70	
	Interrior Cross Road	1	22.50	-	1.65	37.13	
		1	14.90	-	1.65	24.59	
						396.00	

Cur. 343.4th/- 136002-00.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190159

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Scarifying existing stone metal layer upto 75 mm thick along with their bituminous surface • picking up Scarified materials.						
	Main Road	1	30.00	5.60	-	168.00	
		1	30.00	5.40	-	162.00	
		1	30.00	5.40	-	162.00	
		1	30.00	5.50	-	165.00	
		1	31.10	5.60	-	174.16	
	Cross Road (1)	1	30.00	5.70	-	171.00	
		1	30.00	5.50	-	165.00	
		1	30.00	5.40	-	162.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	10.90	5.60	–	60.48	
	Cross Road ①	1	30.00	4.20	-	126.00	
		1	21.20	4.00	-	84.80	
	—"— ③	1	30.00	5.40	–	162.00	
		1	30.00	5.50	–	165.00	
		1	30.00	5.40	–	162.00	
		1	19.60	5.60	-	109.76	
	—"— ④	1	30.00	5.50	-	165.00	
		1	30.00	5.30	–	159.00	
		1	30.00	5.50	–	165.00	
		1	20.10	5.60	–	112.56	
	Inferior C/s	1	30.00	5.61	-	168.01	
		1	30.00	5.40	–	162.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190160

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	15.90	5.50	–	87.45	
						3197.50 Sqm	
					C/s:	72.79/sqm	232746.00
	Measurements Continued on: 20.7.2014						
(b)	providing, laying, spreading and compacting graded stone aggregate to wet mix macadam Specification including premixing material.						
	Main Road	1	30.00	$\frac{5.9+5.1}{2}$	0.20	34.50	
		1	30.00	$\frac{5.6+5.5}{2}$	0.20	33.30	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{5.5+5.3}{2}$	0.20	32.40	
		1	30.00	$\frac{5.3+5.4}{2}$	0.20	32.10	
		1	31.10	$\frac{5.4+5.7}{2}$	0.20	34.52	
	Cross Road ①	1	30.00	$\frac{5.7+5.4}{2}$	0.20	33.30	
		1	30.00	$\frac{5.4+5.5}{2}$	0.20	32.70	
		1	30.00	$\frac{5.5+5.3}{2}$	0.20	32.40	
		1	10.80	$\frac{5.3+5.6}{2}$	0.20	11.77	
	-"- ②	1	30.00	$\frac{4.3+4.0}{2}$	0.20	24.90	
		1	21.20	4.05	0.20	17.17	
	-"- ③	1	30.00	$\frac{5.8+5.6}{2}$	0.20	34.20	
		1	30.00	$\frac{5.6+5.5}{2}$	0.20	33.30	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190161

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{5.5+5.4}{2}$	0.20	32.70	
		1	19.60	$\frac{5.4+5.5}{2}$	0.20	21.38	
	Cross Road ④	1	30.00	$\frac{5.6+5.5}{2}$	0.20	33.30	
		1	30.00	$\frac{5.5+5.3}{2}$	0.20	32.40	
		1	30.00	$\frac{5.3+5.5}{2}$	0.20	32.40	
		1	30.00	$\frac{5.5+5.30}{2}$	0.20	32.40	
		1	20.10	$\frac{5.5+5.70}{2}$	0.20	22.51	
		1	30.00	$\frac{5.70+5.5}{2}$	0.20	32.30	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Interior cross Road	1	30.00	$\frac{5.4+5.4}{2}$ = 5.40	0.20	33.00	
		1	30.00	$\frac{5.4+5.5}{2}$ = 5.45	0.20	32.70	
	C&P-C mahwa	1	15.90	$\frac{5.5+5.8}{2}$ = 5.65	0.20	17.97	
						710.90 Cum	
					Qty.	1121.04/24	79694.00
							20/4/14
	Measurements Continued on: 29/4/14						
(4)	cleaning the existing W.B.M. Road surface including removing of binding materials and other foreign matter						
	Main Road	1	30.00	5.60		168.00	
		1	30.00	5.40		162.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190162

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	5.40	–	162.00	
		1	30.00	5.50	–	165.00	
		1	31.10	5.60	–	174.16	
	Cross Road (1)	1	30.00	5.70	–	171.00	
		1	30.00	5.50	–	165.00	
		1	30.00	5.40	–	162.00	
		1	10.80	5.60	–	60.48	
	–u– (2)	1	30.00	4.20	–	126.00	
		1	21.20	4.00	–	84.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross road ⑤	1	30.00	5.40	-	162.00	
		1	30.00	5.50	-	165.00	
		1	30.00	5.40	-	162.00	
		1	19.60	5.60	-	109.76	
	—u— ④	1	30.00	5.50	-	165.00	
		1	30.00	5.30	-	159.00	
		1	30.00	5.50	-	165.00	
		1	20.10	5.60	-	112.56	
	Interior cross Road	1	30.00	5.50	-	165.00	
		1	30.00	5.40	-	162.00	
		1	15.90	5.50	-	87.45	
						3197.50 Sqm	
					@Rs:	10.53/Sqm	33670=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190163

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
⑧	Providing and applying Surface	primer coat from 12.2 to 14.6 kg per 10 Sqm for Qty same vide I. no. ⑦			—	3197.50 Sqm @Rs: 142.07/Sqm	454269=00.
⑨	Providing and laying Semidense Bituminous Concrete 25 mm thick with 100 to 120 TPH batch type HMP producing an average out put of 75 tonnes main Road	1	30.00	$\frac{5.9+5.6}{2}$	0.025	4.31	
		1	30.00	$\frac{5.6+5.5}{2}$	0.025	4.16	
		1	30.00	$\frac{5.5+5.3}{2}$	0.025	4.05	
		1	30.00	$\frac{5.3+5.4}{2}$	0.025	4.01	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road ①	1	31.00	$\frac{5.4+5.7}{2}$	0.025	4.32	
		1	30.00	$\frac{5.7+5.4}{2}$	0.025	4.16	
		1	30.01	$\frac{5.4+5.5}{2}$	0.025	4.09	
		1	30.00	$\frac{5.5+5.3}{2}$	0.025	4.05	
		1	10.80	$\frac{5.3+5.6}{2}$	0.025	1.47	
	—"— ②	1	30.00	$\frac{4.3+4.0}{2}$	0.025	3.61	
		1	21.20	$\frac{4.0+4.1}{2}$	0.025	2.15	
	—"— ③	1	30.00	$\frac{5.8+5.6}{2}$	0.025	4.28	
		1	30.00	$\frac{5.6+5.6}{2}$	0.025	4.16	
		1	30.00	$\frac{5.5+5.4}{2}$	0.025	4.09	
		1	19.60	$\frac{5.4+5.5}{2}$	0.025	2.67	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190164

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road ④	1	30.00	$\frac{5.6+5.5}{2}$	0.025	4.16	
		1	30.00	$\frac{5.5+5.3}{2}$	0.025	4.05	
		1	30.00	$\frac{5.3+5.5}{2}$	0.025	4.05	
		1	20.10	$\frac{5.5+5.7}{2}$	0.025	2.81	
	Interior Cross Road	1	30.00	$\frac{5.6+5.4}{2}$	0.025	4.13	
		1	30.00	$\frac{5.4+5.5}{2}$	0.025	4.09	
		1	15.80	$\frac{5.5+5.2}{2}$	0.025	2.25	
					Qty.	79.91 Cum 3981.36/Cum	

C&FC
29/7/2014.
79910=00.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(10)	Lead for disposal of debries dly same vide I. NO. (1)	—				@37-63 Cum @ 72-71/cy	31824=00
							2675759=00
	Add AMRIOL charges 11%.	—					294333=00
	Add third party QC charges	—					26758=00
							2,99,6850=00

Certificate

Certified that the above work done satisfactorily

29/07/14

29/7/14

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190165

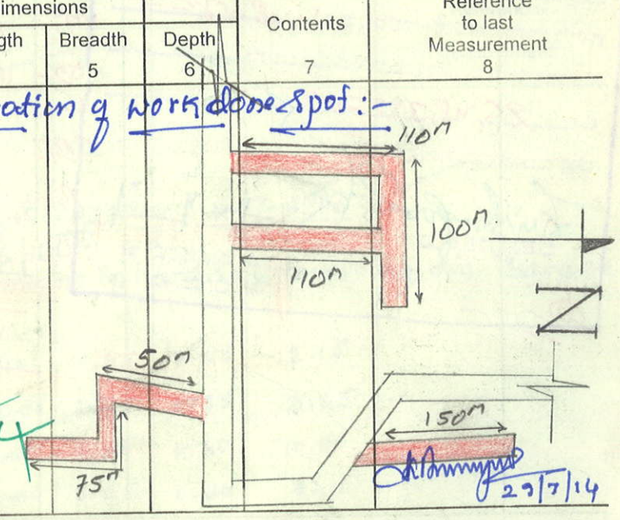
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Sketch showing the location of work done spot :-						



29/7/14

29/7/14

MEASUREM … OOK

Date	Full description, etc, of work	Number	Len…	…th	Depth	Contents	Reference to last Measurement
1	2	3	4		6	7	8
	2996850=00	IT	59973				
	448458=00	WT	119874				
		TO	194795				
	25,48,392=00	LW	28988				
		CBT	2893				
		Non	38886				
		Add	2000				
			448458=00				

Vr. No … Date …
Chq No … Date …
Amount Rs …
Acct Supvd … Exe. Engineer
B.T. Pura Division B.T. Pura Division
BDMP. BDMP.

Bill No. 1st and final

M. A. R. 57 (Rule 116)
Measurement Book

No. B 190166

Serial No. ……
Name of work Imp to roads and drains at munikempanna layout in W.No (6). From …… To ……
Name of Contractor of nature of Agency…… Technical manager (KRIDL)
Date of commencement of work…… BR-227/31/7/14

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Work code No: 006-14-	000032					
	Work order No:						
	Est Amt Rs: 20.00 lakhs.						
	Dated Recording: 4-7-2014						
(1)	Earth work excavation by manual means in hard soil involving an average horizontal through up to 2.00 mtr.						
	Main Road	2	30.00	0.45	0.45	12.15	
		2	30.00	0.45	0.35	9.45	
		2	30.00	0.45	0.40	10.80	
		2	30.00	0.45	0.30	8.10	